E3/SS TRAINING AND AWARENESS

SSC Pacific (Code 52260)

Participant of

Joint Staff-sponsored Joint E3/SS Training Working Group

"EMPOWERING DOD THROUGH IMPROVED E3 AND SPECTRUM EDUCATION & COOPERATION"

Acquisition Community

▼ Importance of E3/SS awareness

- SPAWARSYSCOM needs trained personnel to address acquisition of C4ISR Systems & Equipment
  - C4ISR: Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance

- SPAWARSYSCEN Pacific provides E3/SS engineering support for the C4ISR mission
  - SSC Pacific requires training/mentoring of all new personnel

E3/SS Capability Gaps

- SSC Pacific has assisted SPAWARSYSCOM by hosting JSC Trainers with onsite E3/SS Awareness training
  - SPAWARSYSCOM benefits from above annual training but still requires the depth of experience-derived knowledge from SSC Pacific engineering support

SSC Pacific Technical Training

▼ Focus of training is on E3

- Assigned reading: MIL-STD-464, MIL-STD-461
  - Include DOD, OPNAV, NAVSEA Instructions
- JSC Onsite E3/SS Awareness Training (onsite)
- DAU - Spectrum & E3 Compliance
  - https://acc.dau.mil/CommunityBrowser.aspx?id=18002&lang=en-US
- Team Mentoring in E3 and SS
- On the job training by participating in MIL-STD-461 Tests
- Other technical training as available
  - e.g. Georgia Tech Classes: Antennas
- Technical conferences such as IEEE EMC Symposium (EMCS)
  - IEEE EMCS Technical Committee on Electromagnetic Environment

Implementing DODI 3222.03

- SSC Pacific Implements E3 requirements for C4ISR Acquisition Process
  - Implementation of MIL-STD-461F, -464C
  - Perform E3 control assessments of C4ISR during developmental and operational testing
  - Identify and mitigate C4ISR limitations and vulnerabilities for unresolved E3 control problems
  - Ensure Program Office completes SSRA & Certification for Spectrum Dependent systems.
  - Coordinate training requirements with JSC